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OWNED AND OPERATED BY T. B. STRIBLING, JR.
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GROWING GROUNDS AND EXPERIMENTAL ORCHARDS IN MERCED COUNTY

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FRUIT TREES
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FLOWERING TREES
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FIELD & CONTAINER
GROWN ORNAMENTALS
ROSES, BULBS
GARDEN SUPPLIES

A STRIBLING'S INTRODUCTION

S-37

A Valuable Resistant Peach Rootstock
Resistant to Nematode and Crown Gall

Economic Value

S-37 is a seedling rootstock for drupe fruits proven for more than nine years to be consistently more resistant to Nematode and Crown Gall than any of the other standard resistant peach rootstock varieties, including Shalil, Yunnan and Bokhara. Standard varieties budded on S-37 stock produce trees far more vigorous than those budded on Shalil, Yunnan, Bokhara, etc., and most important of all this, vigorous growth is consistently uniform throughout the orchards where Nematode exists. S-37 has been widely distributed, tested and acclaimed! State experimental stations in California, Colorado, Maryland, Tennessee, South Carolina and Virginia have tested it and found it far more resistant than the others. A multitude of leading fruit growers, pomologists, plant pathologists, nurserymen, horticulturists, agricultural commissioners and farm advisors throughout California have testified as to its superior resistant qualities under actual orchard conditions. These tests have proven that S-37 will thrive on all types of soil, both sandy and heavy loam, and will produce commercial fruit wherever peaches can be grown. It is predicted that S-37 will soon replace all of the other resistant rootstock in use.

Home of

Nursery Stock

Origin of S-37 Rootstock

In 1935 an experimental plot of three thousand seedlings of the ornamental flowering peach, *Prunus persica* var., in ten mixed color varieties, were planted in Stribling's Nurseries Experimental Grounds at Atwater, California. This plot was set out primarily to discover some possible control for Crown Gall. The sandy soil in the plot was heavily infested with Nematode. In the course of the experiments, several of the three thousand flowering peach seedlings seemed to show marked vigor in growth. These few vigorous seedlings were seed sports -- natural variations off of the parent plant with certain new and unique characteristics. The unique characteristic in this case was an apparent marked resistance to the Nematode in the soil.

The next step was to see if this resistance could be propagated and used on a commercial scale. Buds were taken from the selected few seedlings found most resistant and a seed orchard was set out to reproduce the seeds. The seedlings thus asexually reproduced were also found to be very resistant to Nematode, and successive generations were as well. The remarkable discovery was, that although there is naturally a lot of variation in propagation by seeds, these seedlings were uniformly and consistently resistant to Nematode and also to Crown Gall. Further seedling selections were made, and the best was S-37, S-37 being the code number used in the experimental plot. A large budded seed orchard of S-37 was then set out and it now produces all of the S-37 seeds used throughout the country.

Availability

Production of S-37 rootstock has advanced on such a wide scale that it now is available in any quantity in most nurseries throughout the State of California in June budded varieties, or, in special cases, as seedling understock. Current prices will be gladly quoted on request. Advance orders on some of the budded varieties are your assurance of completely filled needs. At present five grower nurseries are licensed to grow S-37 rootstock and all nurseries can obtain trees from Stribling's Nurseries, or their licensed growers. For 1950-1951 season a complete variety listing will be available in both June Bud and Yearling trees.

Restrictions

A plant patent has been applied for S-37 Peach Rootstock and is now pending in the United States Patent Office (U.S. Patent Office Serial No. 741,387). Stribling's Nurseries are the sole source of supply of S-37 seed. It is illegal to directly or indirectly dispose of any S-37 seed, or bud-wood of S-37 seedlings, or to permit its use, for the commercial propagation of trees, or for top working of any established trees without a written agreement with Stribling's Nurseries.

